

Converting Colors

XYZ(42.8979, 47.2601, 24.6989)

Have a look what the booklet for
XYZ(42.8979, 47.2601, 24.6989)
contains.

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Color

**XYZ(42.7788, 47.1064,
24.6071)**

Conversions

Conversions Part 1

Format	Color
Hex	C2B878
RGB	194, 184, 120
RGB Percent	76%, 72%, 47%
CMY	0.2392, 0.2784, 0.5294
CMYK	0.00, 0.05, 0.38, 0.24
HSL	52°, 38%, 62%
HSV	52°, 38%, 76%
XYZ	42.7788, 47.1064, 24.6071
YIQ	179.6940, 26.5040, -17.7840

Conversions

Conversions Part 2

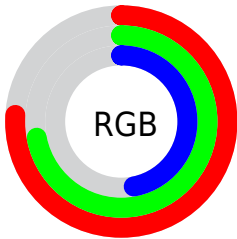
Format	Color
RYB	132, 194, 120
Decimal	12761208
CIELab	74.26, -5.86, 33.79
CIELCh	74, 34.299, 99.845
Yxy	47.1064, 0.3736, 0.4114
Android (android.graphics.Color)	4290951288 (0xFFC2B878)
YUV	179.6940, -29.4291, 12.5464
Hunter-Lab	68.6341, -8.8528, 26.7869

Details

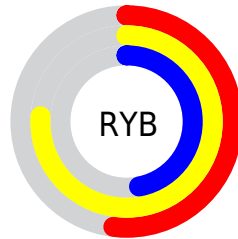
The XYZ color **42.7788, 47.1064, 24.6071** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **25.4658, 23.8527, 54.3007**, and the grayscale version is **43.3621, 45.6204, 49.6806**.

A 20% lighter version of the original color is **78.4866, 85.8465, 51.9685**, and **19.8693, 22.1638, 9.0252** is the 20% darker color. If you saturate the color by 10%, you get **41.1799, 45.6056, 18.8423**, and if you desaturate by 10%, it is **44.6287, 48.7271, 31.6335**.

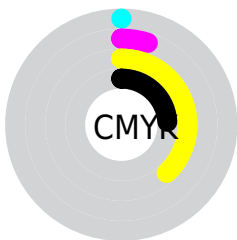
Distribution



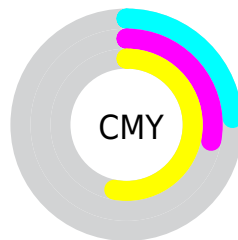
- Red (76%)
- Green (72%)
- Blue (47%)



- Red (52%)
- Yellow (76%)
- Blue (47%)



- Cyan (0%)
- Magenta (5%)
- Yellow (38%)
- Black (24%)



- Cyan (24%)
- Magenta (28%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.7788, 47.1064, 24.6071 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 42.7788, 47.1064, 24.6071 by changing the saturation by 10% instead.

■ 42.7788, 47.1064,
24.6071

■ 42.7788, 47.1064,
24.6071

348.6382,
375.2391, 289.2604

■ 29.9054, 33.1198,
15.5682

■ 78.6347, 85.8724,
51.9753

■ 19.9145, 22.2182,
9.0681

■ 102.3480,
111.4206, 71.1417

■ 12.4408, 14.0173,
4.6882

■ 130.4052,
141.5914, 94.5210

■ 7.1190, 8.1327,
2.0100

163.1717,
176.7693, 122.5318

■ 3.5836, 4.1800,
0.5614

201.0129,
217.3386, 155.5926

■ 1.4694, 1.7747,
0.0000

244.2942,

■ 0.3049, 0.4714,

263.6837, 194.1219

0.0000

293.3808,
316.1891, 238.5383

■ 0.0000, 0.0000,
0.0000

■ 42.7788, 47.1064,
24.6071

■ 42.7788, 47.1064,
24.6071

■ 41.1799, 45.6056,
18.8423

■ 44.6287, 48.7271,
31.6335

■ 39.8138, 44.2123,
14.2598

■ 46.7395, 50.4667,
39.9885

■ 38.6658, 42.9222,
10.7759


■ 49.1246, 52.3323,
49.7379


■ 37.7175, 41.7278,
8.2948


■ 51.7956, 54.3287,
60.9423


■ 36.9475, 40.6206,
6.7039


■ 54.7633, 56.4602,
73.6586

 36.3228, 39.5871,
5.8301

 58.0381, 58.7311,
87.9408

 36.2132, 39.3995,
5.6962

 61.5003, 61.0937,
103.1586

 62.1218, 62.3366,
103.3657

 62.7537, 63.6005,
103.5764

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



48.9787, 47.1064, 25.5865



42.7788, 47.1064, 24.6071



37.6065, 47.1064, 29.4100

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



42.7788, 47.1064, 24.6071



36.2828, 47.1064, 76.2332



56.8354, 47.1064, 63.8862

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



42.7788, 47.1064, 24.6071



25.4658, 23.8527, 54.3007

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



52.7971, 47.1064, 81.9844



42.7788, 47.1064, 24.6071



40.8157, 47.1064, 90.1702

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



42.7788, 47.1064, 24.6071



34.0899, 47.1064, 57.3110



46.8287, 47.1064, 92.4873



57.4835, 47.1064, 45.7078

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



42.7788, 47.1064, 24.6071



35.2946, 47.1064, 36.0710



46.8287, 47.1064, 92.4873



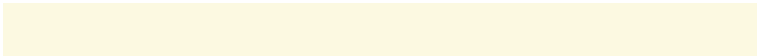
55.8129, 47.1064, 70.2832

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



42.7800, 47.1086, 24.6081



87.6379, 93.7639, 84.4851



33.0685, 26.5442, 24.8896



19.0589, 20.4300, 17.9562



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.7800, 47.1086, 24.6081



74.9911, 82.9986, 35.4810



38.8520, 48.2756, 25.0404



10.7937, 11.5188, 10.7163



23.8530, 25.9918, 3.7597



1.0634, 1.1886, 0.1734

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



25.4658, 23.8527, 54.3007



39.0776, 34.7773, 97.1229



28.2908, 23.4304, 54.0703



9.6356, 9.9625, 12.6999



6.6834, 3.1233, 33.8072



0.3252, 0.2078, 1.4729

Previews

White Background



This preview shows how the XYZ color 42.7788, 47.1064, 24.6071 looks on a white background.

Color Contrast Check

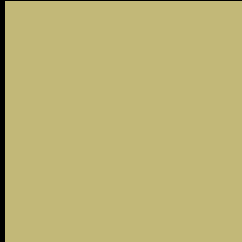
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 42.7788, 47.1064, 24.6071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

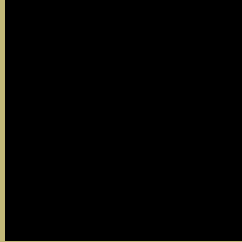
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.7788, 47.1064, 24.6071

Background



This preview shows how black text looks on a background with the XYZ color 42.7788, 47.1064, 24.6071.



This preview shows how white text looks on a background with the XYZ color 42.7788, 47.1064,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

42.7788, 47.1064, 24.6071

Protanopia

43.5520, 47.2046, 24.2687

Deuteranopia

48.0562, 47.1252, 24.9756



Tritanopia

48.8724, 46.8906, 54.6191

Trichromacy



Original Color

42.7788, 47.1064, 24.6071

Protanomaly

43.2892, 47.0692, 24.2564

Deuteranomaly

45.9499, 46.9229, 24.7244

Tritanomaly

46.1744, 46.6632, 41.6952

Monochromacy



Original Color

42.7788, 47.1064, 24.6071

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.7030, 45.8307, 38.9433

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7788, 47.1064, 24.6071 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(194, 184, 120)` looks like.

```
.text, #text, p{  
    color:rgb(194, 184, 120)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(194, 184, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 184, 120) }
```

Border

The CSS property to change the border of an element to XYZ 42.7788, 47.1064, 24.6071 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(194, 184, 120) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(194, 184, 120) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(194, 184, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 184, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 184, 120);  
box-shadow:4px 4px 4px 4px rgb(194, 184,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7788, 47.1064, 24.6071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 184, 120) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(194,  
184, 120) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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